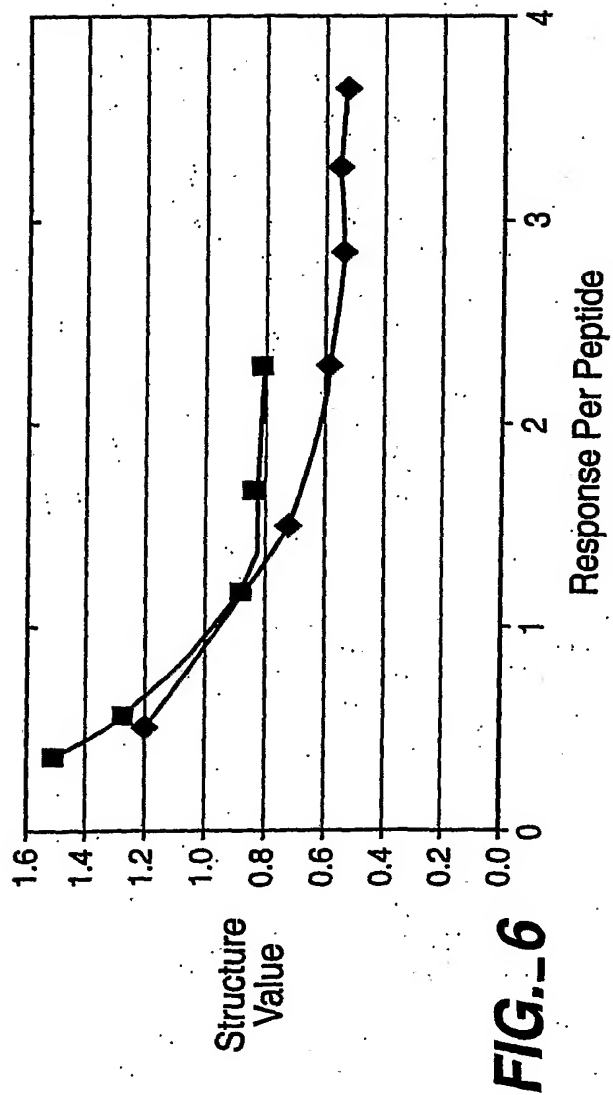
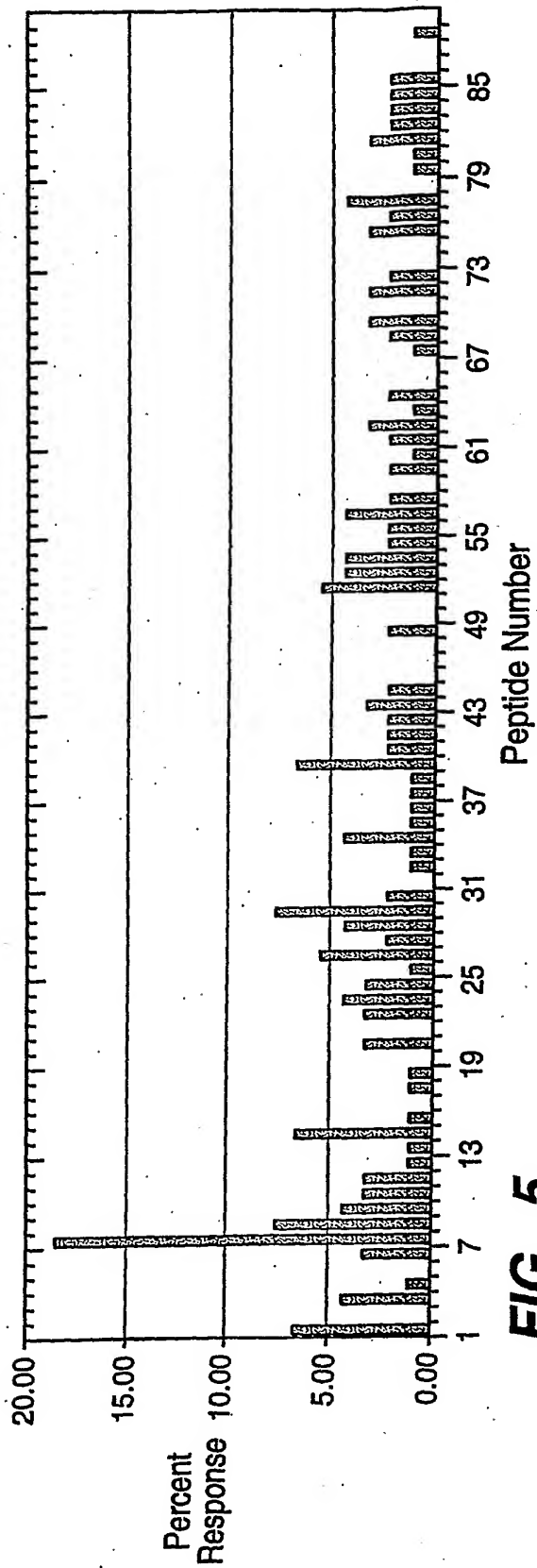
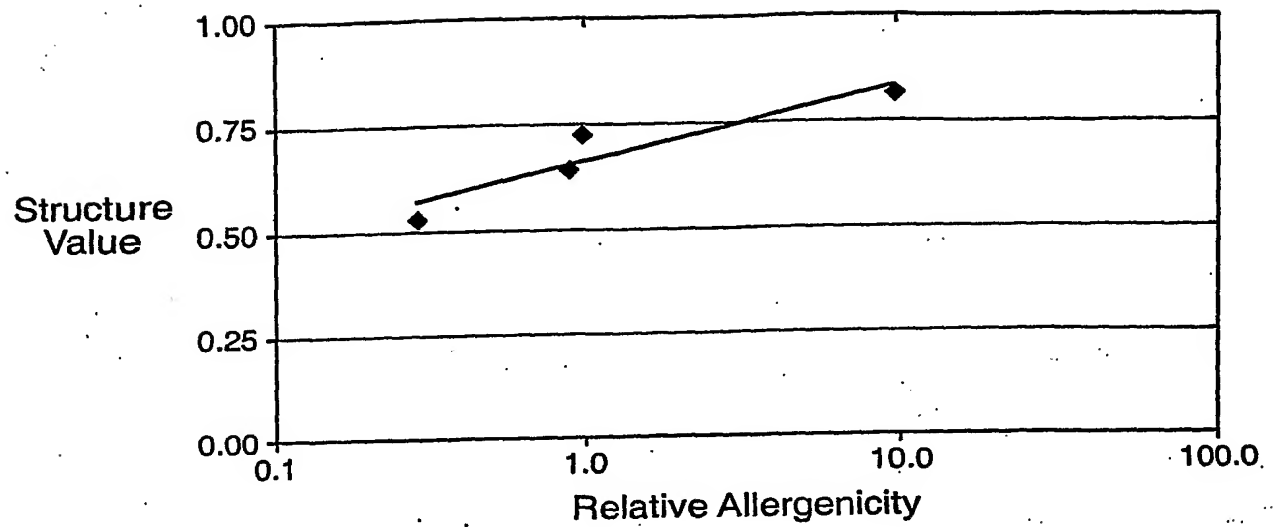
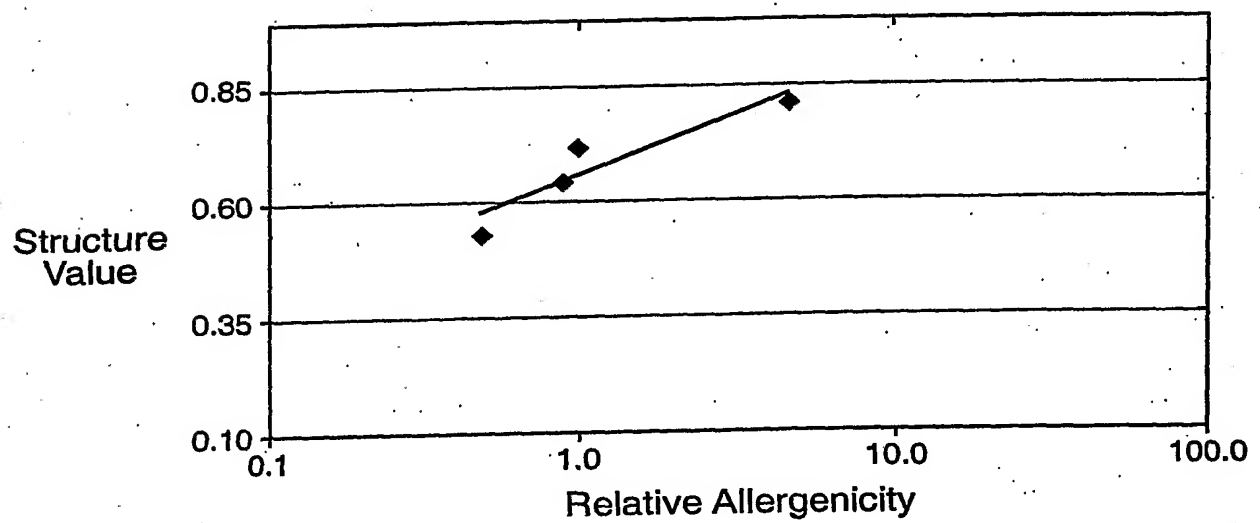


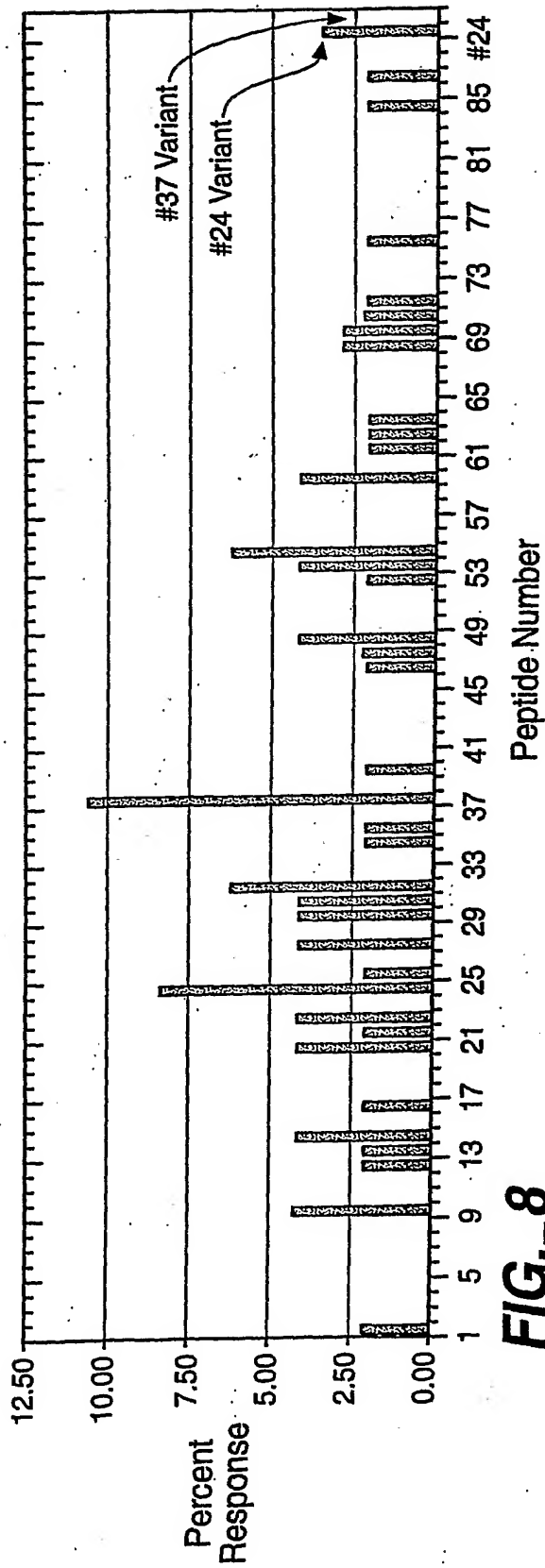
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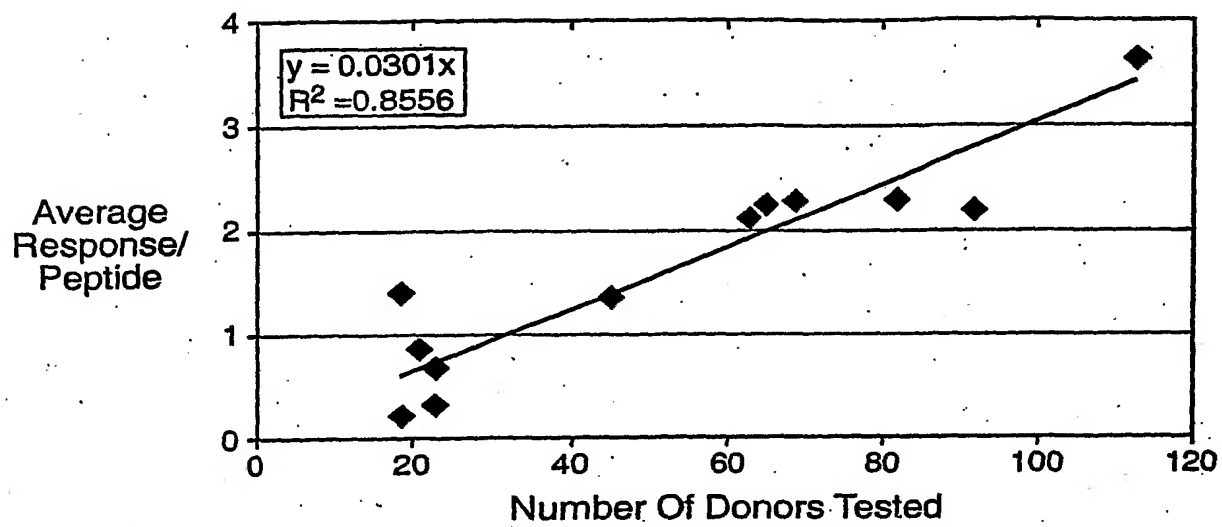
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**FIG. 7A****FIG. 7B**

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**FIG. 10**

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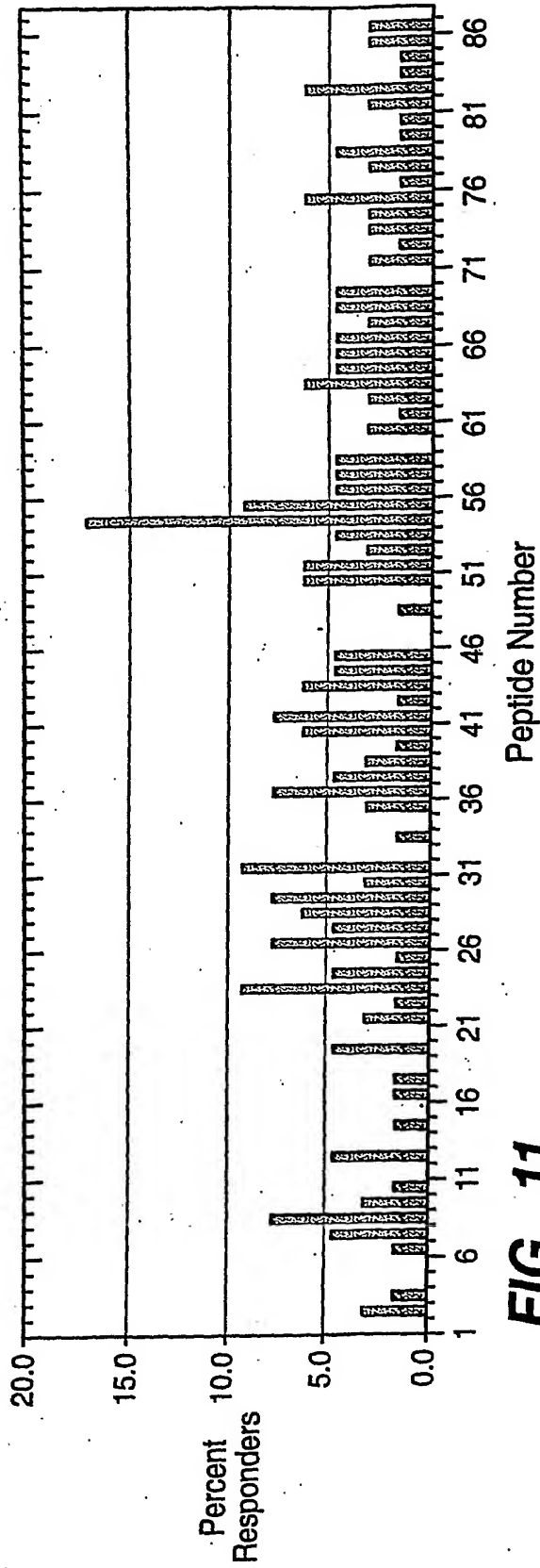


FIG. 11

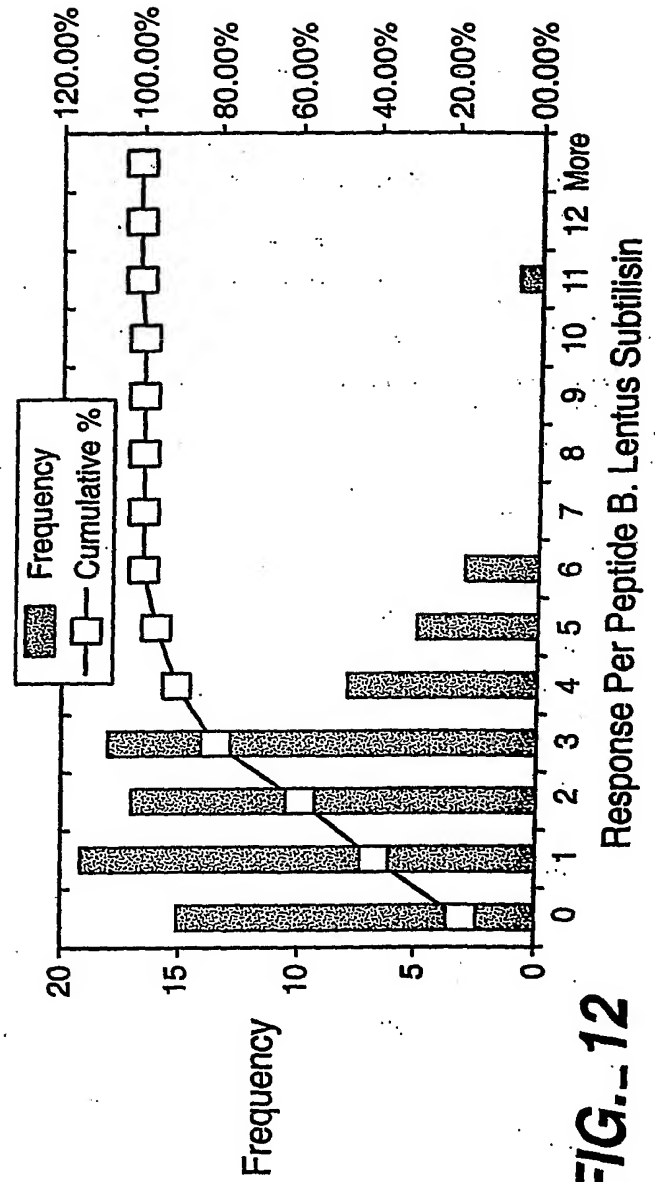
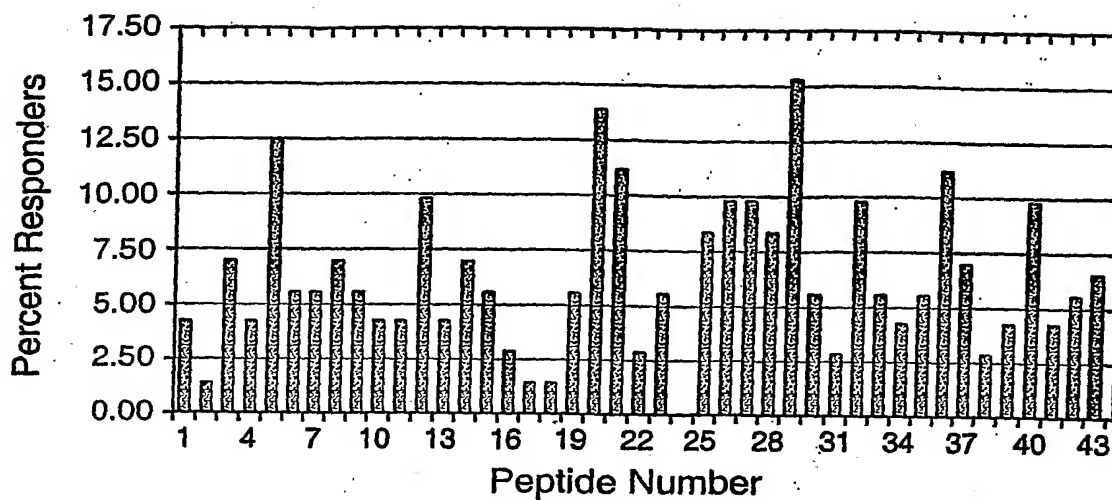
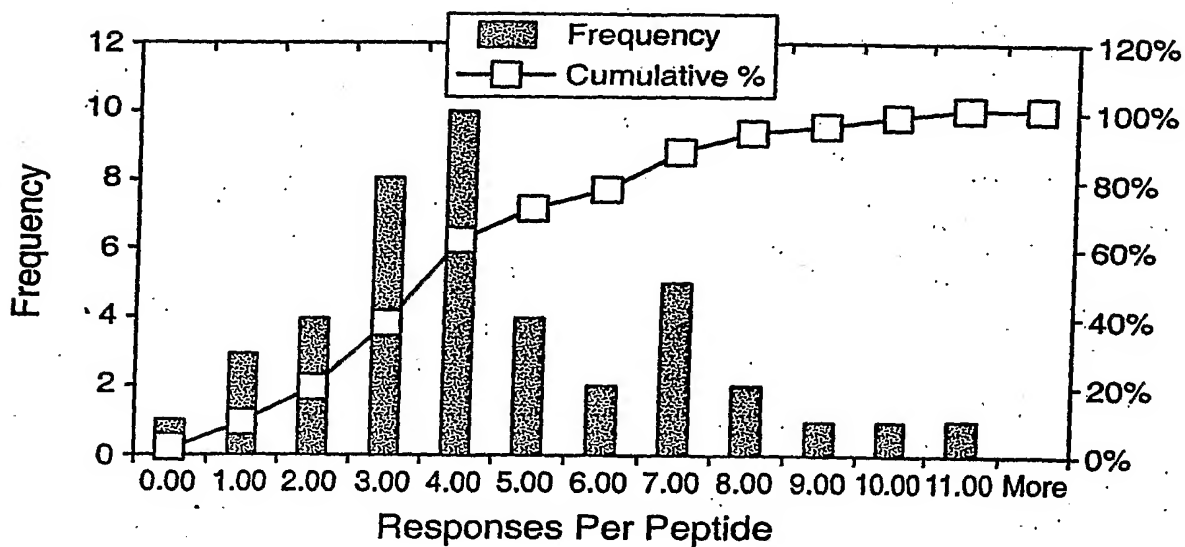
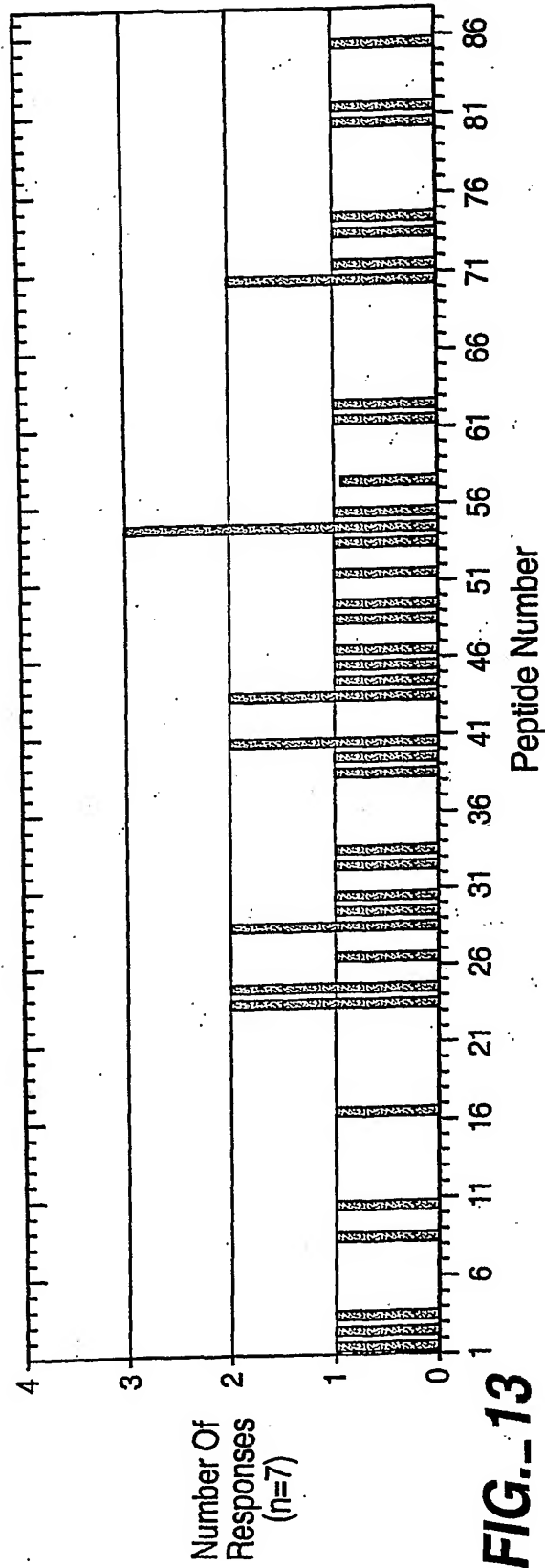


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**FIG. 14A****FIG. 14B**

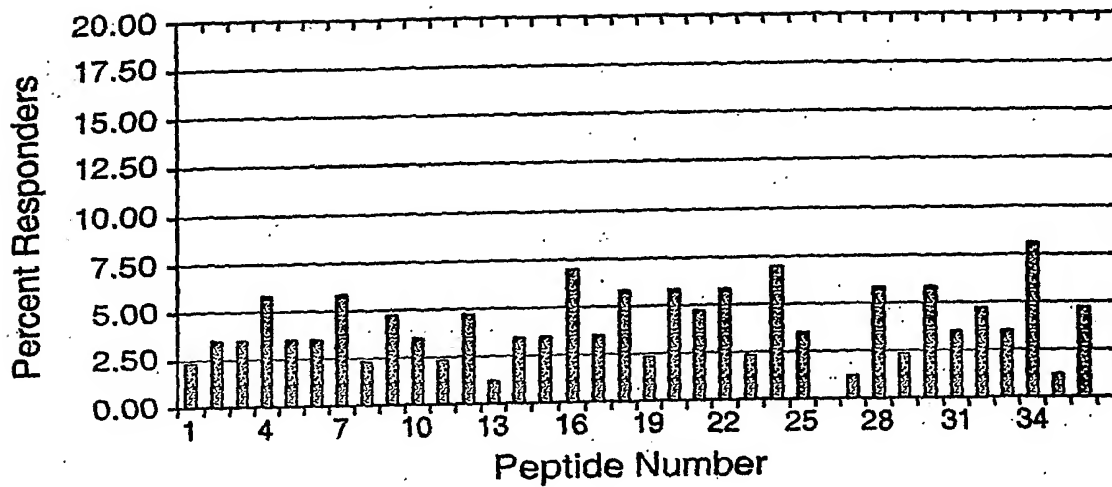
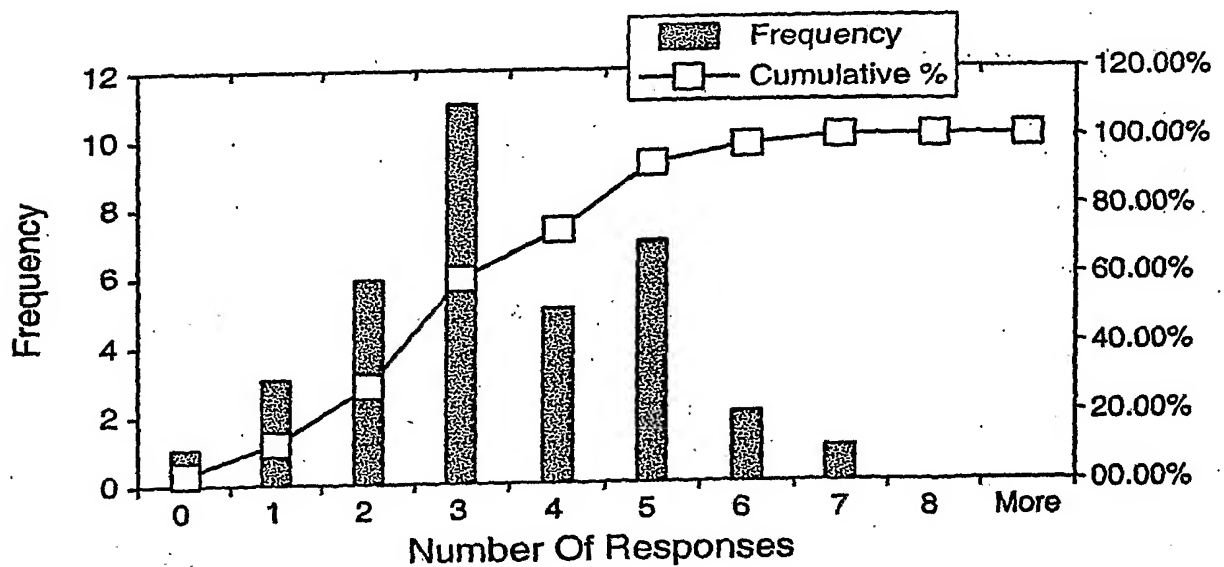
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Immune® HLA Associations Staphylokinase Peptide		HLA Association	p	HLA Increased	HLA Decreased	Warmerdam, et al (2002)* Region
5				DQ2		D1 DR3, 7, 2
20		DR2 (15)	p < 0.03	DQ6	DR7	0% vs 23%, p < 0.09 F2 Dr1, 4
21				DR6 (13)		C3 DR2, 3, 4, 6, 7, 8
29		DR5 (11)	p < 0.01			n.f.# n.f.#
36				DR3		D4 DR3, 6
n.f.#						A5 DR2, 5, 6, 8

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**FIG. 16A****FIG. 16B**

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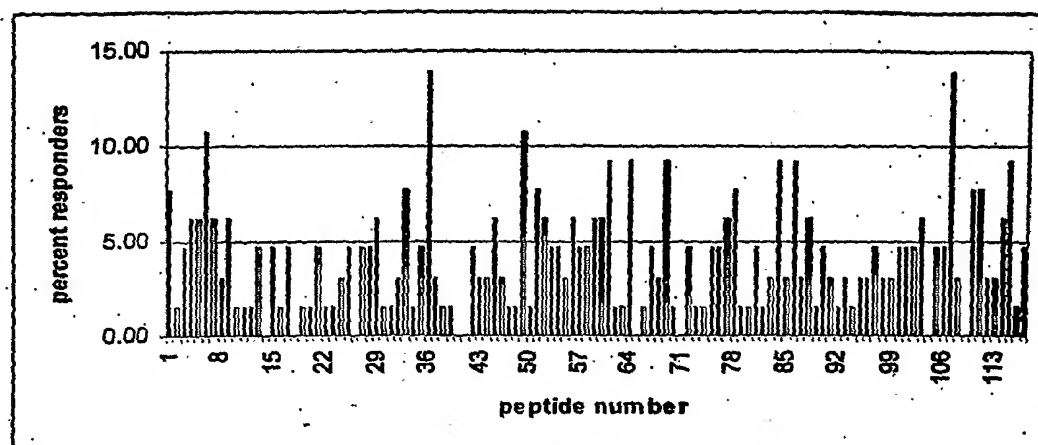
nM IC₅₀ For Binding To Purified HLA

Protein	DRB1									
	*0101 (DR1)	*0301 (DR3w17)	*0401 (DR4w4)	*0404 (DR4w14)	*0405 (DR4w15)	*0701 (DR7)	*0802 (DR8w2)	*0901 (DR9)	*1101 (DR5w11)	*1201 (DR5w12)
BPN ^Y 217L.70	6.5	8737	33	5.7	166	154	1711	46	2382	80
BPN ^Y 217L.109	8.8	--	30	166	37	58	2192	43	3019	1235
B. lentus 157	1065	16,433	4794	7575	6784	724	>16,333	1484	--	--
B. lentus .160	13	--	142	5542	1348	138	2033	164	5554	--

DRB1	DRB3/4/5				DQ		Degeneracy
	*1302 (DR6w19)	*1501 (DR2w2β1)	*DRB3*0101 (DR52a)	*DRB4*0101 (DRw53)	*DRB5*0101 (DR2w2β2)	DQA1*0301/ DQB1*0301 (DQ3.1)	DQA1*0301/ DQB1*0302 (DQ3.2)
0.69	21	2010	31	15,689	670	440	2069
9.8	683	119	1071	1024	97	2182	80
2009	865	>9434	>9667	--	6157	6009	5009
559	127	6157	8257	1726	1296	63	1046
							n/18
							12
							11
							2
							7

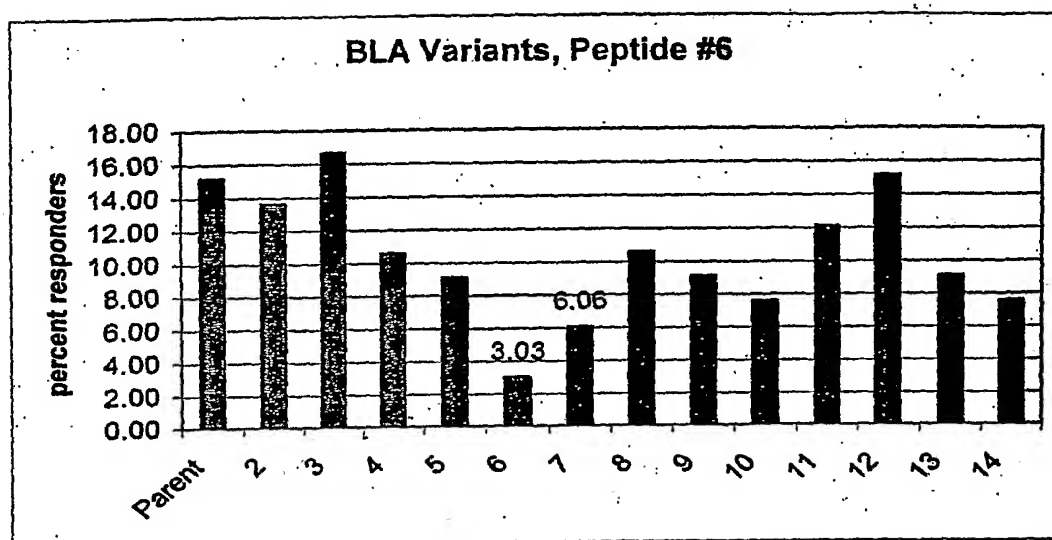
FIG. 17

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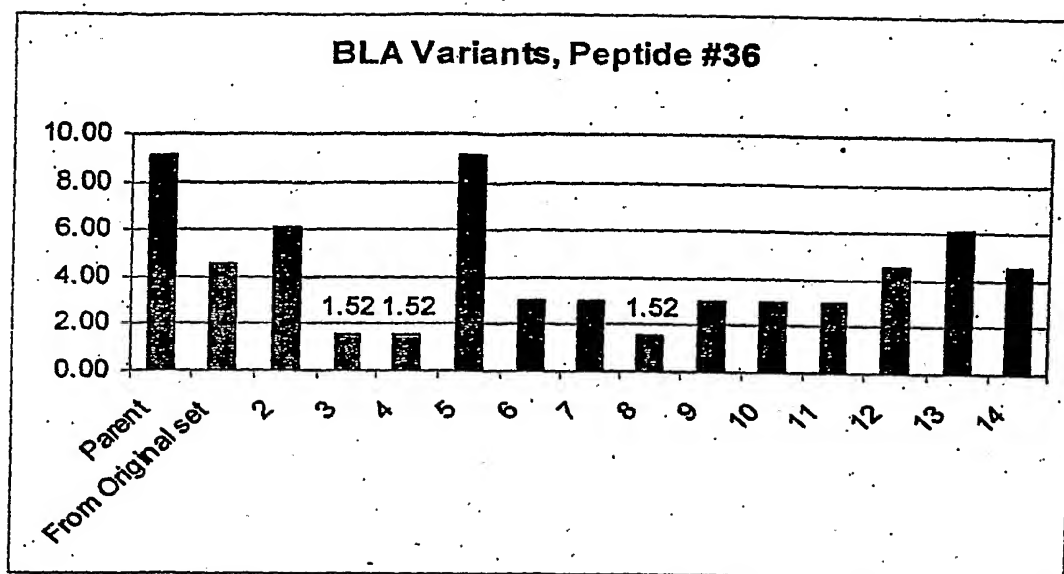
FIGURE 18.

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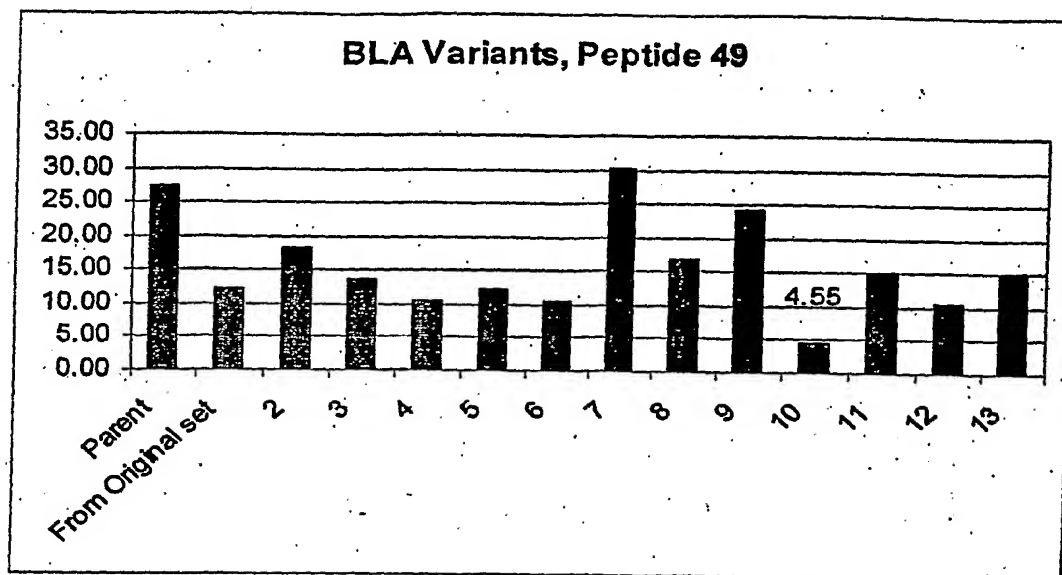
FIGURE 19.



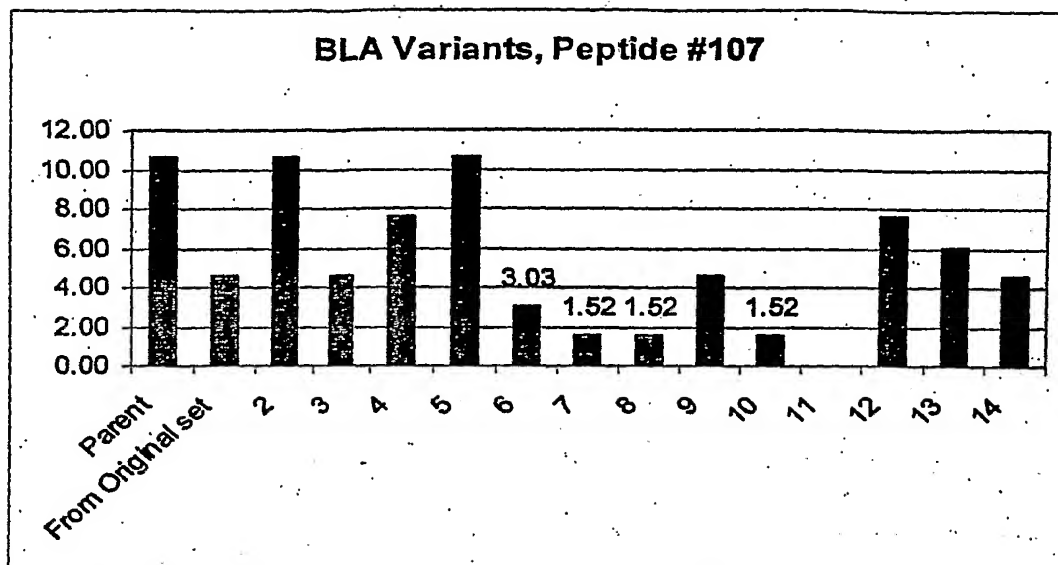
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FIGURE 20.

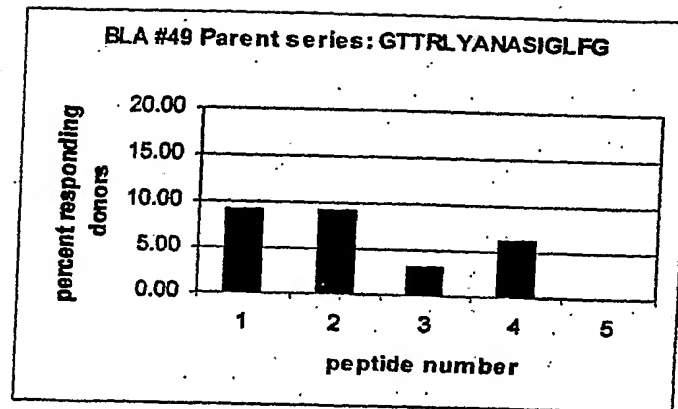
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FIGURE 21.

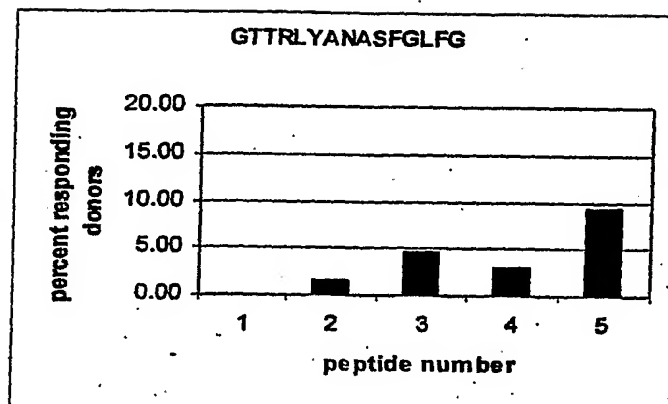
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FIGURE 22.

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FIGURE 23.

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FIGURE 24.

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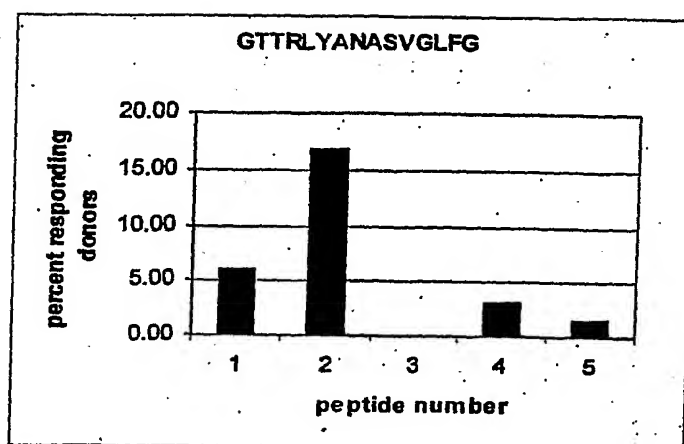
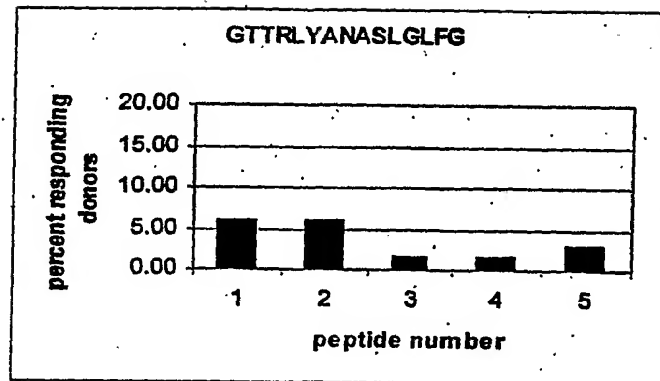
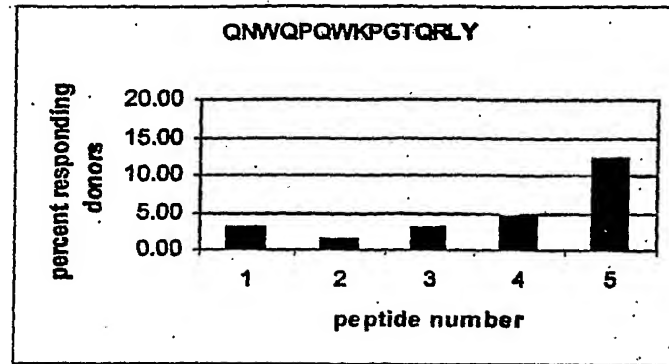
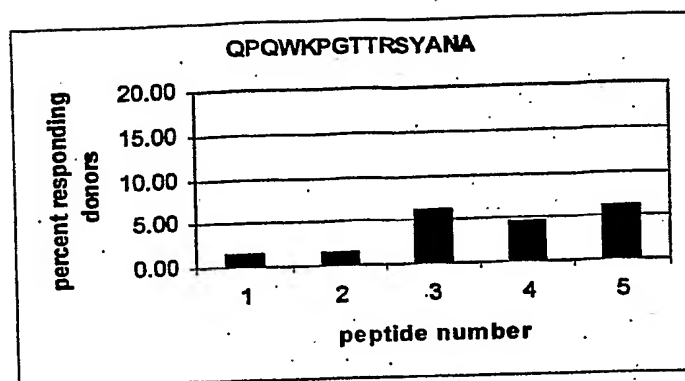
FIGURE 25.

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FIGURE 27.

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FIGURE 28.

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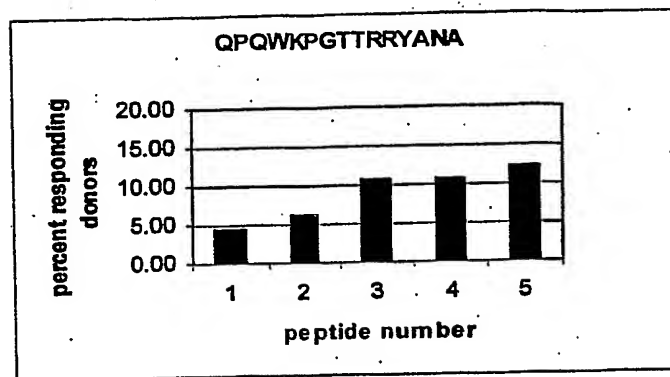
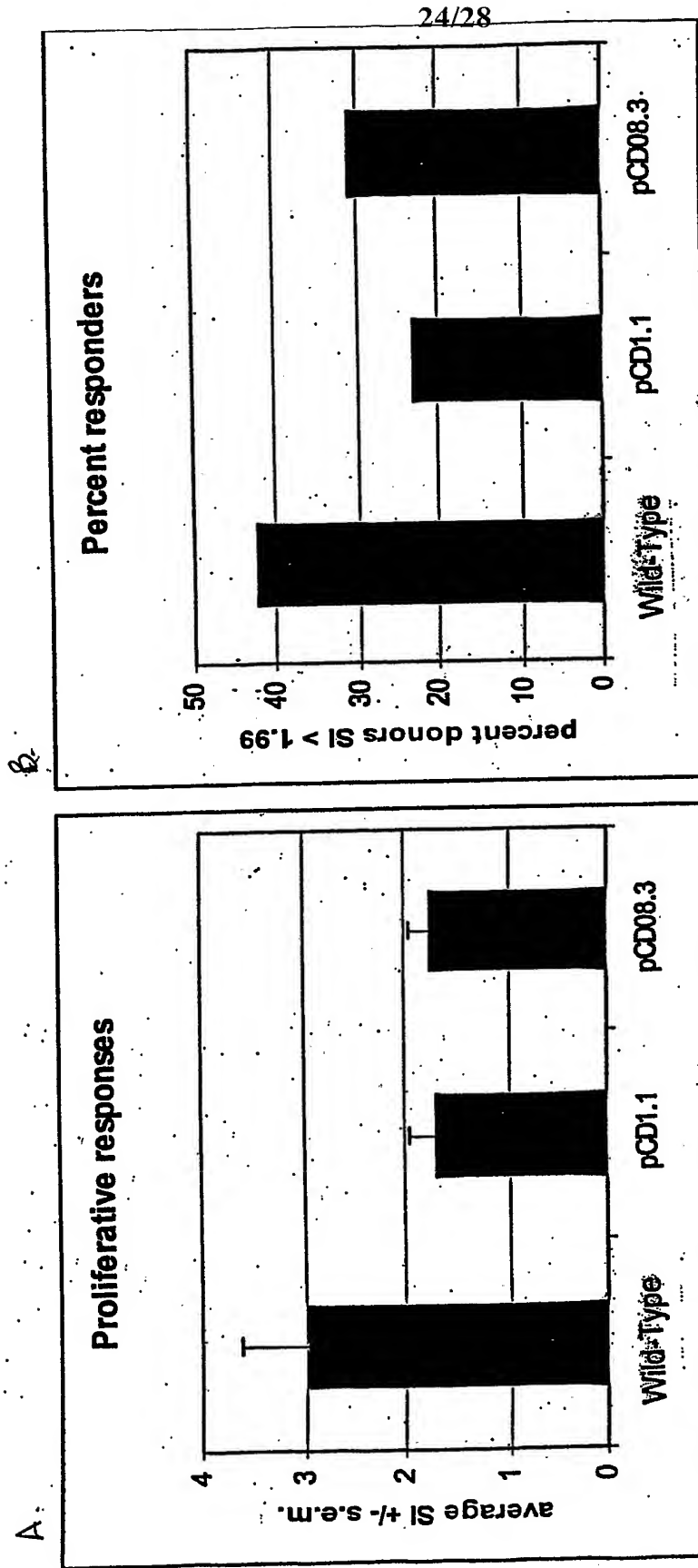
FIGURE 29.

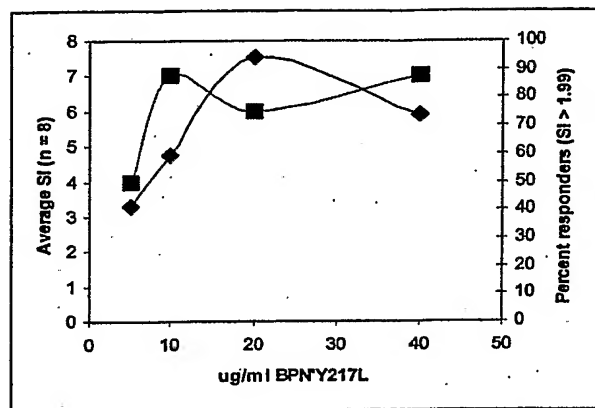
FIGURE 30.



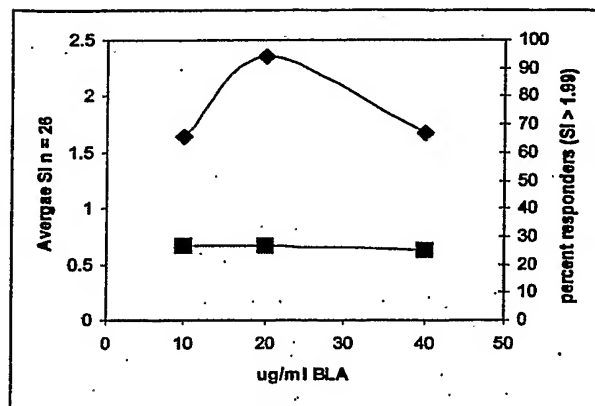
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FIGURE 31.

PANEL A.

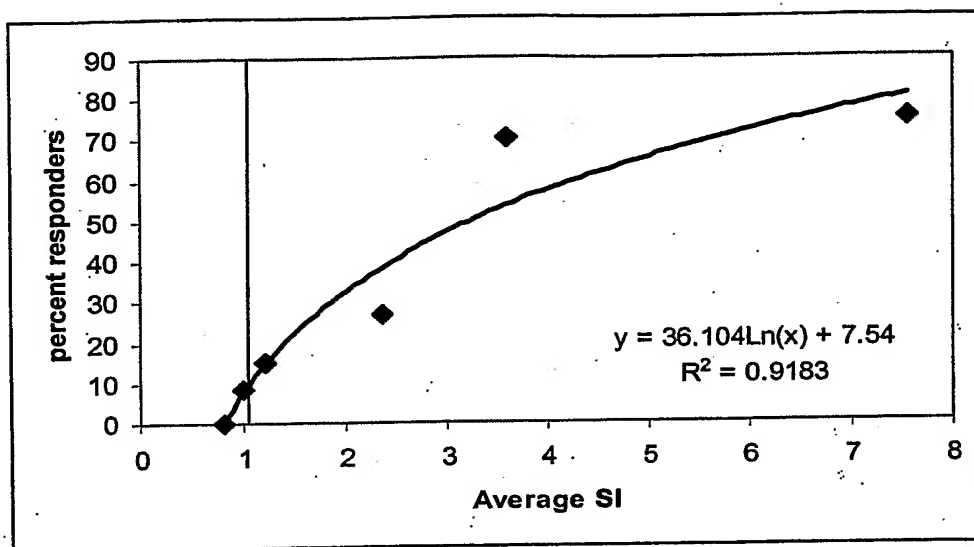


PANEL B.

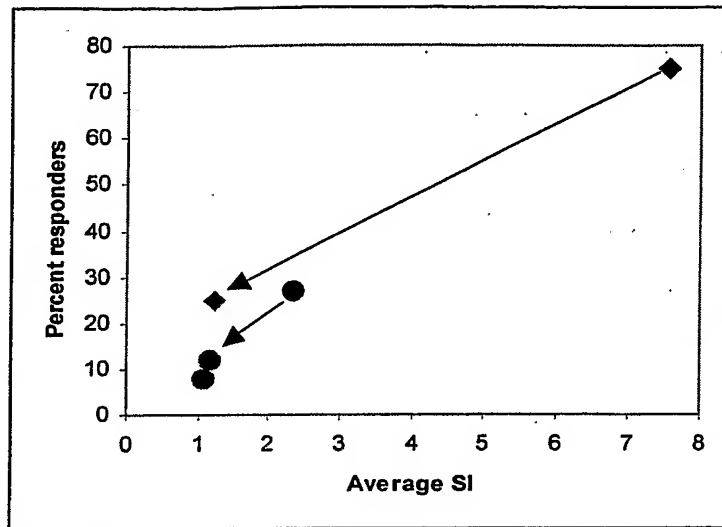


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FIGURE 32.



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FIGURE 33.

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FIGURE 34.

